



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/036,918A  
Source: OIPG  
Date Processed by STIC: 6/25/2003

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER:

10/036,918A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics  
    Wrapped Aminos      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2      Invalid Line Length      The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino  
    Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4      Non-ASCII      The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length      Sequence(s)      contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0  
    "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7      Skipped Sequences  
    (OLD RULES)      Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence:  
    (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
    (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
    (xi) SEQUENCE DESCRIPTION: SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
    This sequence is intentionally skipped  
  
    Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences  
    (NEW RULES)      Sequence(s)      missing. If intentional, please insert the following lines for each skipped sequence.  
    <210> sequence id number  
    <400> sequence id number  
    000
- 9      Use of n's or Xaa's  
    (NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
    Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
    In <220> to <223> section, please explain location of n or Xaa; and which residue n or Xaa represents.
- 10      Invalid <213>  
    Response      Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or Artificial Sequence
- 11    Use of <220>      Sequence(s)    missing the <220> "Feature" and associated numeric identifiers and responses.  
    Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
    (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
- 12      PatentIn 2.0  
    "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n      n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



OIPe

## RAW SEQUENCE LISTING

DATE: 06/25/2003

PATENT APPLICATION: US/10/036,918A

TIME: 15:32:33

Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06252003\J036918A.raw

1 <110> APPLICANT: Srinivasan, Ananthachari  
 2 Erion, Jack L.  
 3 Schmidt, Michelle A.  
 5 <120> TITLE OF INVENTION: LABELED NEUROTENSIN DERIVATIVES  
 7 <130> FILE REFERENCE: 1405Q  
 9 <140> CURRENT APPLICATION NUMBER: US/10/036,918A  
 C--> 10 <141> CURRENT FILING DATE: 2001-12-21  
 12 <150> PRIOR APPLICATION NUMBER: 60/140,913  
 13 <151> PRIOR FILING DATE: 1999-06-23  
 15 <150> PRIOR APPLICATION NUMBER: 60/213,068  
 16 <151> PRIOR FILING DATE: 2000-06-21  
 18 <160> NUMBER OF SEQ ID NOS: 6  
 20 <170> SOFTWARE: PatentIn Ver. 2.0  
 22 <210> SEQ ID NO: 1  
 23 <211> LENGTH: 13  
 24 <212> TYPE: PRT  
 25 <213> ORGANISM: Artificial Sequence  
 27 <220> FEATURE:  
 28 <221> NAME/KEY: MOD\_RES  
 29 <222> LOCATION: (1)  
 30 <223> OTHER INFORMATION: Pyroglutamic acid.  
 32 <400> SEQUENCE: 1  
 W--> 33 Xaa Leu Tyr Glu Asn Lys Pro Arg Arg Pro Tyr Ile Leu  
 34 1 5 10  
 36 <210> SEQ ID NO: 2  
 37 <211> LENGTH: 6  
 38 <212> TYPE: PRT  
 39 <213> ORGANISM: Artificial Sequence  
 41 <220> FEATURE:  
 42 <221> NAME/KEY: MOD\_RES  
 43 <222> LOCATION: (1)  
 44 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this residue.  
 46 <220> FEATURE:  
 47 <221> NAME/KEY: MOD\_RES  
 48 <222> LOCATION: (1)..(2)  
 49 <223> OTHER INFORMATION: These two residues are joined by a pseudo peptide bond.  
 51 <220> FEATURE:  
 52 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide with a pseudopeptide  
 53 bond.  
 55 <400> SEQUENCE: 2  
 56 Lys Arg Pro Tyr Ile Leu  
 57 1 5

*see item 11 on Erion  
 Summary  
 sheet*

Does Not Comply  
 Corrected Diskette Needed  
*error on p. 1 only*

59 <210> SEQ ID NO: 3

## RAW SEQUENCE LISTING

DATE: 06/25/2003

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Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06252003\J036918A.raw

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60 <211> LENGTH: 6
61 <212> TYPE: PRT
62 <213> ORGANISM: Artificial Sequence
64 <220> FEATURE:
65 <221> NAME/KEY: MOD_RES
66 <222> LOCATION: (1)
67 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this
residue.
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
72 <400> SEQUENCE: 3
73 Arg Arg Pro Tyr Ile Leu
74 1 5
76 <210> SEQ ID NO: 4
77 <211> LENGTH: 8
78 <212> TYPE: PRT
79 <213> ORGANISM: Artificial Sequence
81 <220> FEATURE:
82 <221> NAME/KEY: MOD_RES
83 <222> LOCATION: (1)
84 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to this
residue.
86 <220> FEATURE:
87 <221> NAME/KEY: MOD_RES
88 <222> LOCATION: (1)
89 <223> OTHER INFORMATION: This residue is piperidinylglycine.
93 <220> FEATURE:
94 <221> NAME/KEY: MOD_RES
95 <222> LOCATION: (3)
96 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.
98 <220> FEATURE:
99 <221> NAME/KEY: MOD_RES
100 <222> LOCATION: (7)
101 <223> OTHER INFORMATION: This residue is t-butylglycine.
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
106 <400> SEQUENCE: 4
W--> 107 Xaa Pro Xaa Arg Pro Tyr Xaa Leu
108 1 5
110 <210> SEQ ID NO: 5
111 <211> LENGTH: 8
112 <212> TYPE: PRT
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
118 <220> FEATURE:
119 <221> NAME/KEY: MOD_RES
120 <222> LOCATION: (1)
121 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to
this residue.
123 <220> FEATURE:
124 <221> NAME/KEY: MOD_RES

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## RAW SEQUENCE LISTING

DATE: 06/25/2003

PATENT APPLICATION: US/10/036,918A

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Input Set : A:\PTO.DA.txt

Output Set: N:\CRF4\06252003\J036918A.raw

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125 <222> LOCATION: (1)
126 <223> OTHER INFORMATION: This residue is trans-(4-aminomethyl) cyclohexylalanine.
128 <220> FEATURE:
129 <221> NAME/KEY: MOD_RES
130 <222> LOCATION: (3)
131 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.
133 <220> FEATURE:
134 <221> NAME/KEY: MOD_RES
135 <222> LOCATION: (7)
136 <223> OTHER INFORMATION: This residue is t-butylglycine.
138 <400> SEQUENCE: 5
W--> 139 Xaa Pro Xaa Arg Pro Tyr Xaa Leu
      140 1 5
142 <210> SEQ ID NO: 6
143 <211> LENGTH: 8
144 <212> TYPE: PRT
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence:Synthetic peptide.
150 <220> FEATURE:
151 <221> NAME/KEY: MOD_RES
152 <222> LOCATION: (1)
153 <223> OTHER INFORMATION: Diethylenetriamine pentaacetic acid (DTPA) is coupled to
this residue.
155 <220> FEATURE:
156 <221> NAME/KEY: MOD_RES
157 <222> LOCATION: (1)
158 <223> OTHER INFORMATION: This residue is piperidinylalanine.
160 <220> FEATURE:
161 <221> NAME/KEY: MOD_RES
162 <222> LOCATION: (3)
163 <223> OTHER INFORMATION: This residue is (N-amidinopiperidinyl) glycine.
165 <220> FEATURE:
166 <221> NAME/KEY: MOD_RES
167 <222> LOCATION: (7)
168 <223> OTHER INFORMATION: This residue is t-butylglycine.
170 <400> SEQUENCE: 6
W--> 171 Xaa Pro Xaa Arg Pro Tyr Xaa Leu
      172 1 5

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RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/036,918A

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TIME: 15:32:34

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 1

Seq#:4; Xaa Pos. 1, 3, 7

Seq#:5; Xaa Pos. 1, 3, 7

Seq#:6; Xaa Pos. 1, 3, 7

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:2; Line(s) 52